

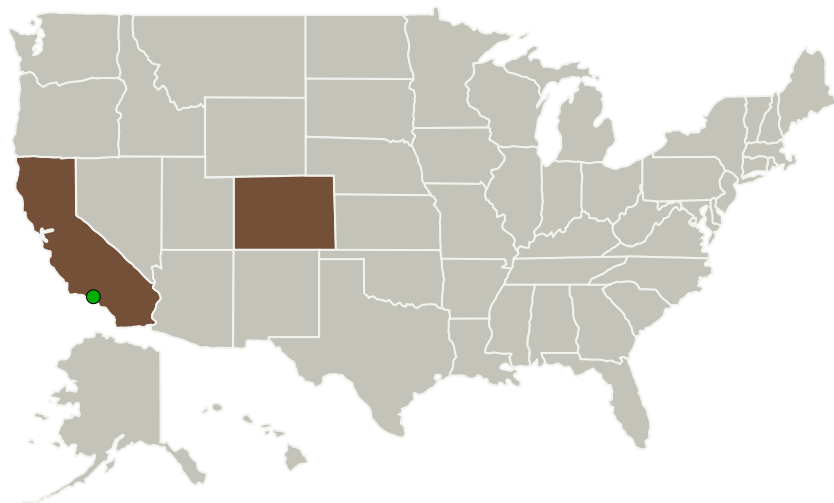


## Carbonaceous Asteroid Volatile Recovery (CAVoR) system, Phase I

Completed Technology Project (2015 - 2015)



## Primary U.S. Work Locations and Key Partners




Organizations Performing Work	Role	Type	Location
Pioneer Astronautics	Lead Organization	Industry Historically Underutilized Business Zones (HUBZones)	Lakewood, Colorado
● Jet Propulsion Laboratory(JPL)	Supporting Organization	NASA Center	Pasadena, California

## Primary U.S. Work Locations

California	Colorado
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## Project Transitions

 **June 2015:** Project Start

## Organizational Responsibility

**Responsible Mission Directorate:**

Space Technology Mission Directorate (STMD)

**Lead Organization:**

Pioneer Astronautics

**Responsible Program:**

Small Business Innovation Research/Small Business Tech Transfer

## Project Management

**Program Director:**

Jason L Kessler

**Program Manager:**

Carlos Torrez

**Principal Investigator:**

Mark Berggren

**Co-Investigator:**

Mark Berggren

## Carbonaceous Asteroid Volatile Recovery (CAVoR) system, Phase I

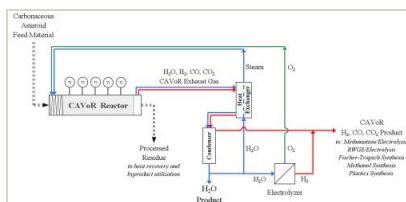


Completed Technology Project (2015 - 2015)

**December 2015:** Closed out**Closeout Summary:** Carbonaceous Asteroid Volatile Recovery (CAVoR) system, Phase I Project Image**Closeout Documentation:**

- Final Summary Chart Image(<https://techport.nasa.gov/file/138734>)

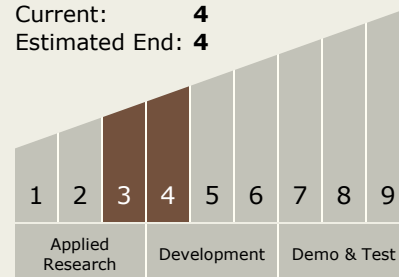
## Images

**Briefing Chart Image**

Carbonaceous Asteroid Volatile Recovery (CAVoR) system, Phase I  
(<https://techport.nasa.gov/image/133308>)

## Technology Maturity (TRL)

Start: **3**  
Current: **4**  
Estimated End: **4**



## Technology Areas

**Primary:**

- TX07 Exploration Destination Systems
  - TX07.1 In-Situ Resource Utilization
  - TX07.1.2 Resource Acquisition, Isolation, and Preparation

## Target Destinations

The Sun, Earth, The Moon, Mars, Others Inside the Solar System, Outside the Solar System